

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO: 191 Suppl. No. 2 Contract No. 04 – 0120F4 Road SF-80-13.2/13.9 FED. AID LOC.:

To: **AMERICAN BRIDGE/FLUOR ENTERPRISES INC A JOINT VENTURE**

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract. **NOTE: This change order is not effective until approved by the Engineer.**

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. This last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

Extra Work at Lump Sum:

Revise miscellaneous electrical items to resolve conflicts and adjust to as-built conditions, including:

- 1) Extend the grounding conductor on the East side of the Pier E2 cap.
- 2) Furnish Type 316L stainless steel wireways in lieu of Type 304 for installation on the Tower, cable, and Orthotropic Box Girder (OBG).
- 3) Provide credit for penetrations, pipe sleeves, and associated pull boxes, conduits, and wires for future light pipe conduit at Panel Points (PP) 118 and 120 that will not be installed.
- 4) Modify strong motion detection system sensor enclosure mounting at PP 127.5.
- 5) Modify Utility Panel (UP) 210 rack and attached unistrut.
- 6) Revise slip joint for belvedere lighting.
- 7) Modify electrical at Hinge A.
- 8) Revise conduit and conduit supports between Tower shafts and Tower structural elements.
- 9) Revise conduit size and conduit support for the ground system on the D face of the NW Tower quadrant.
- 10) Modify the electrical raceway at Pier E2 Cap Beam.
- 11) Provide a credit to eliminate verification and testing for ground resistance on the Pier W2 existing ground system.
- 12) Modify cables for strong motion recorders.
- 13) Install additional barrier cover plate penetrations for the PP 119 light poles.
- 14) Revise Tower elevator telephone cable termination.
- 15) Furnish and install 30A receptacles and plugs in lieu of 20A for the traveler receptacles.
- 16) Repair paint damaged by strong motion detector cabinet support modifications, by revisions to the slip joint on the belvedere lights, and by conduit and conduit support revisions between the Tower shafts, in accordance with Special Provisions Section 10-1.69 "Clean and Paint Structural Steel."

The following revised plan sheets detail the changes addressed in this change order: 86S37R1, 86S38R1, 86S39R1, 86S40R1, 86S41, 104S3R3, 104S4R3, 105R5, 105S1R1, 105S3, 150R3, 154R6, 155R3, 165S1R4, 185R1, 186R1, 187R3, 214R2, 221R3, 241R1, 242R1, 243R3, 271S2R2, 271S5R3, 271S10R1, 272R4, 288R5, 288S2R3, 288S4R2, 289R4, 289S1, 289S2, 316R1, 316S3, 316S4, 349R2, 350R2, and 901R5 (of 1204) as shown on sheets 3 through 40 of this change order.

This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 1462R1, 2511, 3001R1, 3154, 3155, 3170R0, 3170R1, 3204, 3226, 3244, 3341, 3351, 3429, 3433, 3447, 3452, and 3460 with respect to changes listed above.

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For this work, the Contractor will receive a lump sum price of \$204,561.00. This sum constitutes full and complete compensation for furnishing all labor, material, tools and incidentals including all markups by reason of this change.

Extra Work at Lump Sum..... \$204,561.00

Estimated Cost: Increase ☒ Decrease ☐ \$204,561.00

By reason of this order the time of completion will be adjusted as follows: 0 Days

Submitted by

Signature  Resident Engineer Darryl Schram, Senior T.E. Date 10/9/14

Approval Recommended by

Signature  Supervising Transportation Engineer William Casey, Supervising T.E. Date 10-14-14


Engineer Approval by

Signature  Supervising Transportation Engineer William Casey, Supervising T.E. Date 10-17-14

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.

Contractor Acceptance by

Signature  (Print name and title) BRIAN A. PETERSEN - PROJECT DIRECTOR Date 16 OCT 14